

WHAT IS CLAIMED IS:

1. A recording apparatus, comprising:  
input means for inputting a television signal and channel information relating to the television signal from an external receiving apparatus which receives the television signal and generates the channel information;  
recording means for recording the television signal; and  
control means for controlling said recording means based on the channel information input by said input means.
2. An apparatus according to Claim 1, wherein said input means inputs channel information relating to programs receivable by the external receiving apparatus.
3. An apparatus according to Claim 1, wherein the channel information includes a transmission frequency of the television signal.
4. An apparatus according to Claim 1, wherein the channel information includes PID (packet identification) of a PMT (program map table).
5. An apparatus according to Claim 1, wherein the channel information includes EPG (electronic programming guide) data received by the external receiving apparatus.
6. An apparatus according to Claim 1, wherein a picture-recording

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12. An apparatus according to Claim 10, wherein said recording means selectively records the television signal received by said internal receiving means and the television signal received by the external receiving apparatus.

input means for inputting a television signal and channel information relating to the television signal from an external receiving apparatus which receives the television signal and generates the channel information;

recording means for recording the television signal; and

14. An apparatus according to Claim 13, further comprising:

15. An apparatus according to Claim 13, further comprising:

output means for outputting a control signal to the external receiving apparatus, wherein the external receiving apparatus is controlled by the control signal so as to extract and output the television signal relating to the program assigned by said assignment means, based on channel information relating to the assigned program.

16. An apparatus according to Claim 13, wherein said input means inputs channel information relating to programs receivable by the external receiving apparatus.

24. An apparatus according to Claim 13, further comprising:  
internal receiving means for receiving a television signal and

25. An apparatus according to Claim 24, wherein the external receiving apparatus receives the television signal from a first transmission channel, and wherein said internal receiving means receives the television signal from a second transmission channel different from the first transmission channel.

27. A television signal receiving apparatus, comprising:  
receiving means for receiving a television signal;  
generation means for generating channel information relating to the  
television signal received by said receiving means; and

wherein the external recording apparatus records the television signal based on the output channel information.

28. An apparatus according to Claim 27, wherein said interface means outputs the channel information at every predetermined time period.

29. An apparatus according to Claim 27, wherein said interface means outputs the channel information in accordance with turning-on of a power supply of said apparatus.

30. An apparatus according to Claim 27, wherein said interface means outputs the channel information in accordance with connection of the external recording apparatus while a power supply of said apparatus is turned on.

31. An apparatus according to Claim 27, wherein said interface means further inputs a control signal from the external recording apparatus, and outputs the television signal received by said reception means, in accordance with the input control signal.

32. An apparatus according to Claim 31, further comprising:

extraction means for extracting a television signal relating to a desired program from the television signal received by said reception means, based on the control signal input by said interface means, wherein said output means outputs the television signal extracted by said extraction means.

33. A television signal receiving and recording system, comprising:  
a receiving apparatus comprising:

receiving means for receiving a television signal;

generation means for generating channel information relating to the television signal; and

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output means for outputting the television signal received by said receiving means and the channel information generated by said generation means; and

a recording apparatus comprising:

input means for inputting the television signal and the channel information from said receiving apparatus;

recording means for recording the television signal; and

control means for controlling said recording means based on the channel information input by said input means.

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